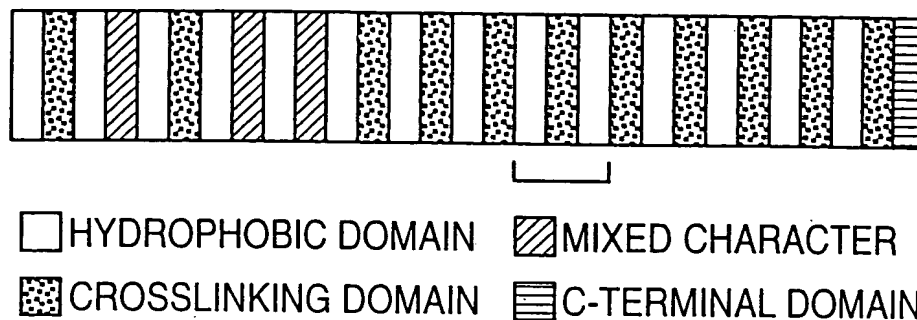


**FIG. 1A**

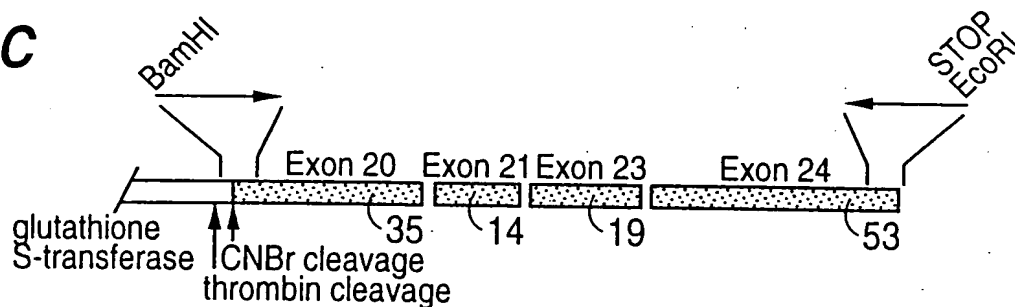


**FIG. 1B**

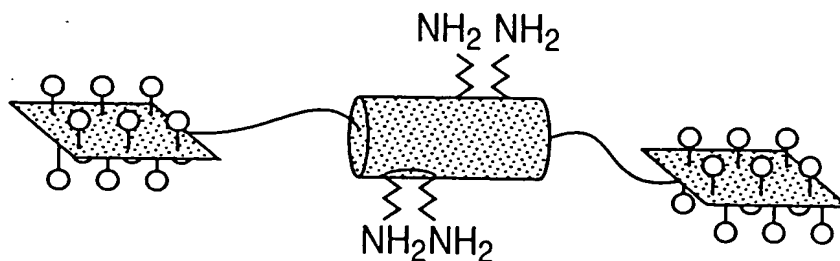
1 11 21 31 41 51

GGVPGAIPGG VPGGVFYPGA GLGALGGGAL GPGGKPLKPV PGGLAGAGLG AGLGAFPAVT  
 FPGALVPGGV ADAAAAYKAA KAGAGLGGVP GVGGLGVSAG AVVPQPGAGV KPGKVPVGL  
 PGVYPGGVLP GARFPGVGL PGVPTGAGVK PKAPGVGGAF AGIPGVGPFG GPQPGVPLGY  
 PIKAPKLPGG YGLPYTTGKL PYGYGPGGVA GAAGKAGYPT GTGVGPQAAA AAAAKAAKF  
 GAGAAGVLPG VGGAGVPGVP GAIPGIGGIA GVGTPAAAAA AAAAAKAAKY GAAAGLVPGG  
 PGFGPGVVG VPGAGVPGV PGAGIPVVP AGIPGAAVPG VVSPEAAAAA AAKAAKYGAR  
 PGVGVGGIPT YGVGAGGEPG FGVGVGGIPG VAGVPSVGGV PGVGGVPGVG ISPFAQAAAA  
 AKAAYGVGT PAAAAAKAAA KAAQFGLVPG VGVAPGVGVA PGVGVAPGVG LAPGVGVAPG  
 VGVAPGVGVA PGIGPGGVAA AAKSAKVAA KAQLRAAAGL GAGIPGLGVG VGVPLGLVGA  
 GVPGLGVGAG VPGFGAGADE GVRRLSPQL REGDPSSSQH LPSTPSSPRV PGALAAAKAA  
 KYGAAVPGVL GGLGALGGV IPGGVVGAG PAAAAAAKAA AKAQFGLV AAGLGLGVG  
 GLGVPGVGL GGIPAAAAK AAKYGAAGL GVLGGAGQFP LGGVAARPGF GLSPIFPGGA  
 CLGKACGRKR K

**FIG. 1C**

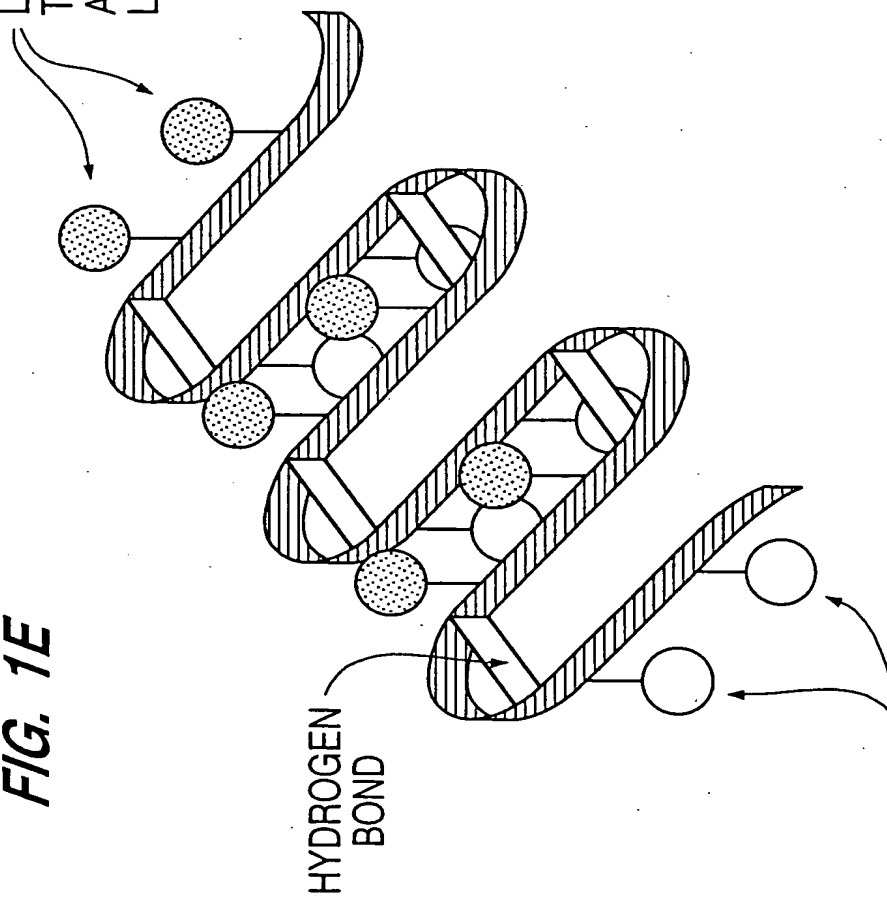


**FIG. 1D**



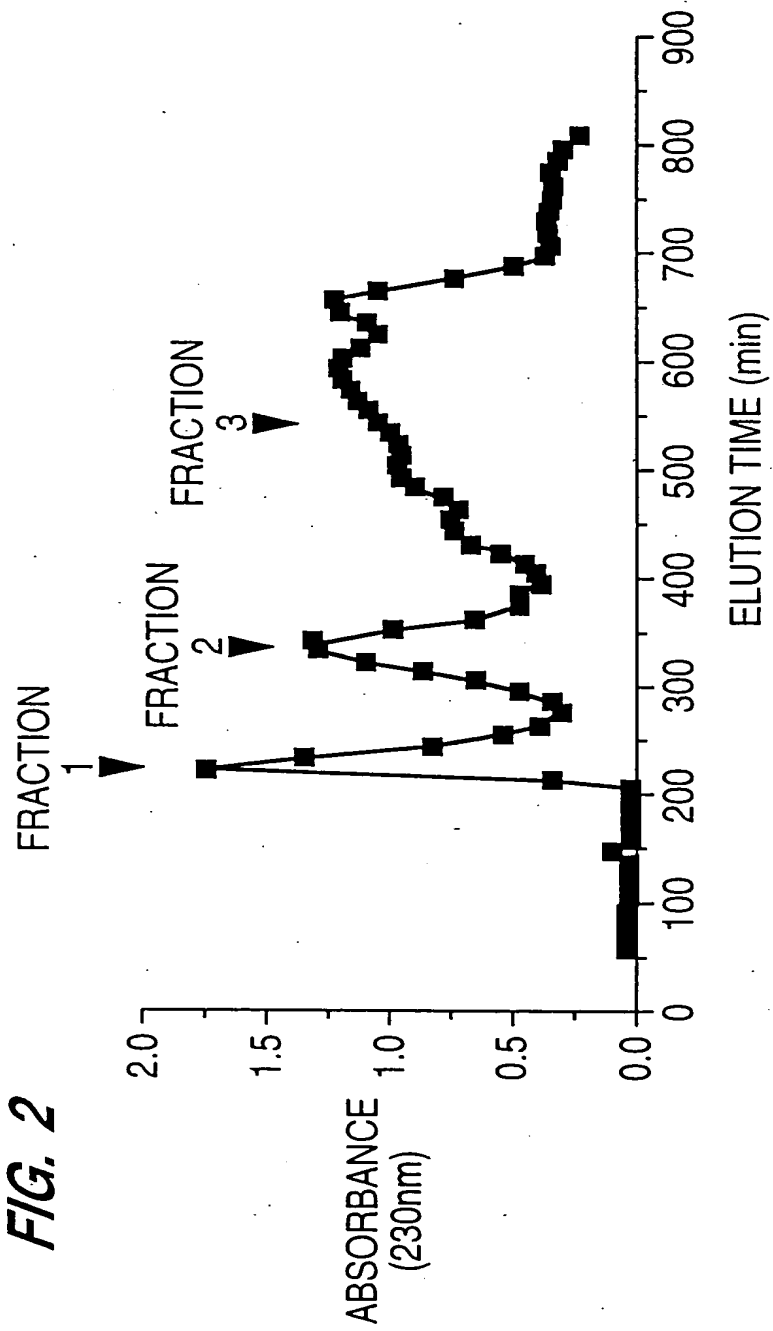
LARGE HYDROPHOBIC SIDE CHAINS ABOVE  
THE PLANE OF THE BETA-SHEET (EG.  
ALANINE, VALINE, ISOLEUCINE,  
LEUCINE, TYROSINE, PHENYLALANINE)

FIG. 1E

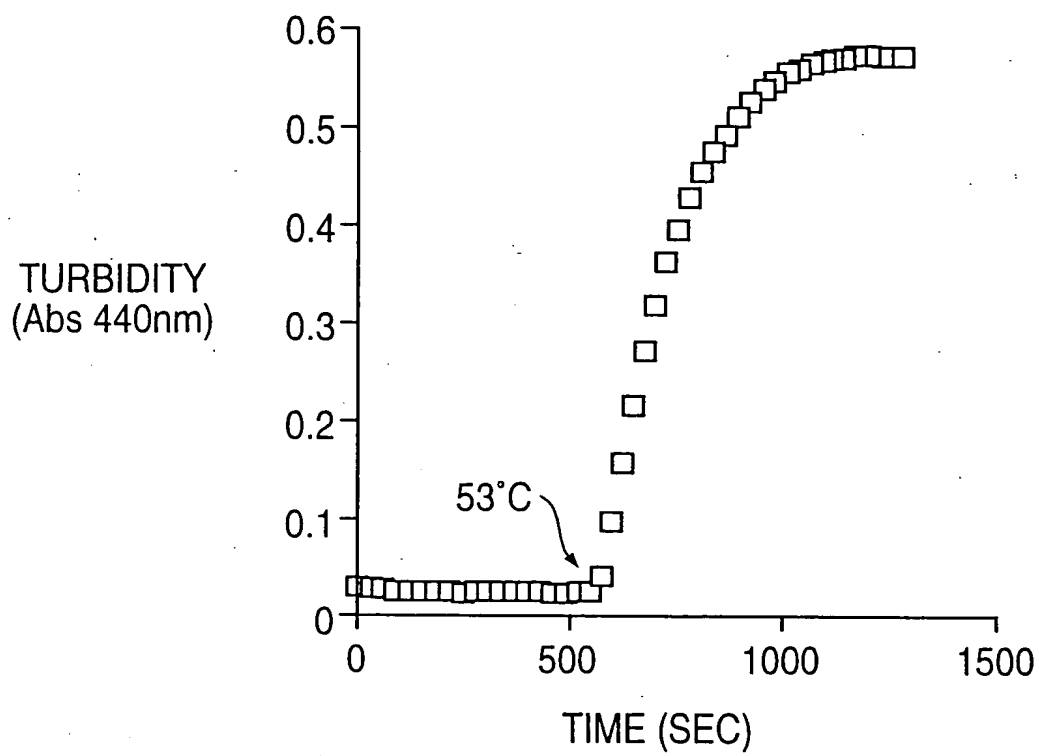


LARGE HYDROPHOBIC SIDE CHAINS BELOW  
THE PLANE OF THE BETA-SHEET (EG.  
ALANINE, VALINE, ISOLEUCINE,  
LEUCINE, TYROSINE, PHENYLALANINE)

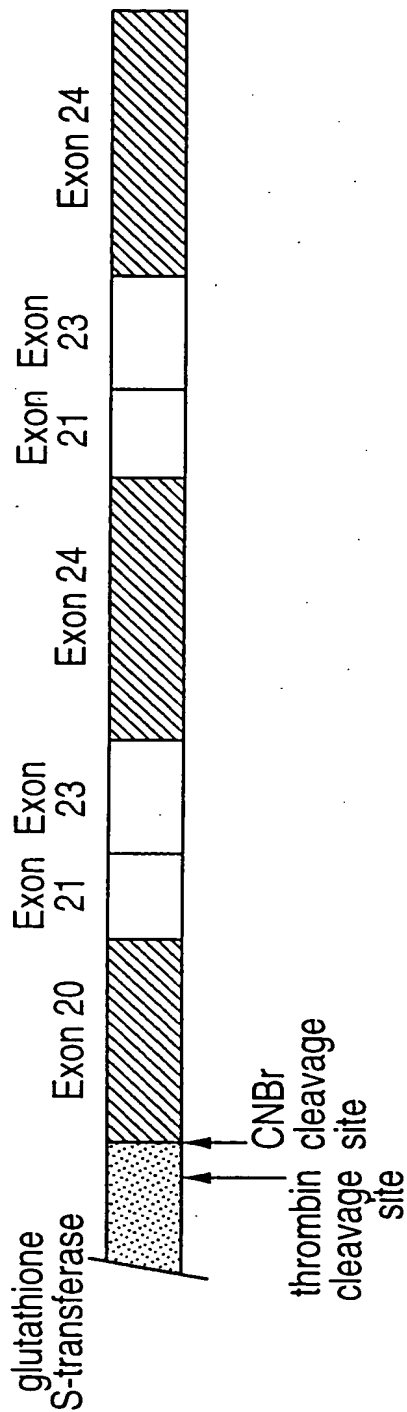
**FIG. 2**



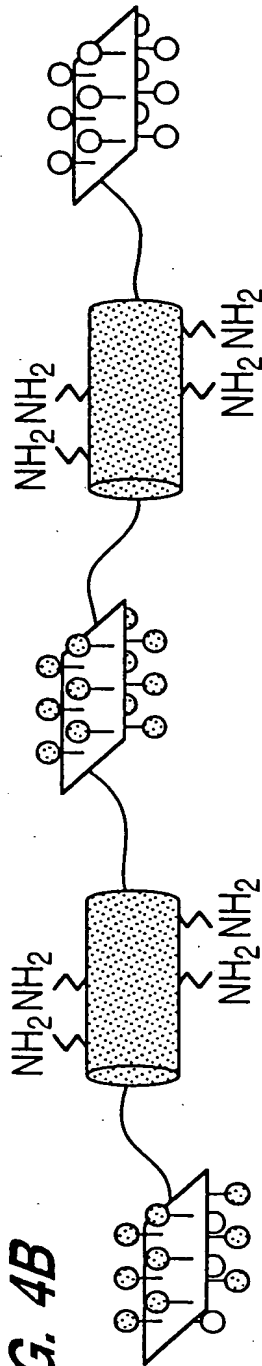
**FIG. 3**



**FIG. 4A**



**FIG. 4B**



**FIG. 4C**

FPGFGVGVGG IPGVAGVPGV GGVPGVGGVP GVGISPEAQD AAAKAAKYG  
 VGTAAAAAK AAATAAQFGL VPGVGVAPGV GVAPGVGVAP GVGLAPGVGV  
 APGVGVAPGV GVAPAIGP E AAAAAAKAA KYGVGTAAA AAKAAKAAQ  
 FGLVPGVGA PGVGVAPGV VAPGVGLAPG VGVAPGVGA PGVGVAPAIG P

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FIGURE 5A

PGFGVGVGGI	PGVAGVPGVG	GVPGVGGVPG	VGISPEAQAA
AAAKAAKYGV	GTPAAAAAKA	AAKAAQFGLV	PGVGVAPGVG
VAPGVGVAPG	VGLAPGVGVA	PGVGVAPGVG	VAPAIGP

FIGURE 5B

FPFGVGVGG	IPGVAGVPGV	GGVPGVGGVP	GVGISPEAQA
AAAAKAAYGV	VGTPAAAAAK	AAKAAQFGL	VPVGVAPGVG
GVAPGVGVAP	GVGLAPGVGV	APGVGVAPGV	GVAPAIGP

FIGURE 5C

PGFGVGVGGI	PGVAGVPGVG	GVPGVGGVPG	VGISPEAQAA
AAAKAAKYGV	GTPAAAAAKA	AAKAAQFGLV	PGVGVAPGVG
VAPGVGVAPG	VGLAPGVGVA	PGVGVAPGVG	VAPAIGPEAQ
AAAAKAAYGV	GVGTPAAAAA	KAAKAAQFG	LVPGVGVAPG
VGVAPGVGVA	PGVGLAPGVG	VAPGVGVAPG	VGVAPAIGP